

ABSTRACT

In an image distortion correcting apparatus capable of correcting keystone distortion and pincushion distortion occurred in a video display device efficiently, the apparatus includes a reference image generating means for generating a reference image and setting a coordinate of the reference image; a displacement measuring means for displaying the reference image on a screen and measuring a coordinate of the displayed image; a distortion information extracting means for extracting distortion information on the basis of a coordinate value of the set reference image and a coordinate value of the measured image and generating inverse-distortion information; and a distortion correcting means for generating an inverse-distorted (pre-warping) image of the reference image on the basis of the generated inverse-distortion information.